

MAJOR: Bachelor of Science - Physics (BS.PHYS)

NAME _____ First Enrollment _____

HPU e-mail: _____@highpoint.edu Other email address: _____

cell phone # _____ Local address _____

GENERAL EDUCATION REQUIREMENTS

UNIVERSITY CORE: = 22 credits

____ EXP1101 = President's Sem./Health & Wellness

____ ENG1103

____ MTH1110 or higher [MTH _____]

____ Foreign Language: 1 course @ 1020 or higher level:

SPN/FRE/GER/ITA/JPN/ARA/CHI/POR/RUS

____ Ethics: [circle one] PHL2008/2010/2043; REL2015;

PHL/WGS2016; REL/PHL2019

____ First Year Seminar – FYS1000

____ PEC Activity (1 credit: PEC _____)

➤ AREA I ELECTIVES = 16 credits

History: any 1000- or 2000-level >

[except HST2901 & HST2205] [HST _____]

Religion: (choices: see *Bulletin*) [REL _____]

Performing / Visual Arts: (choices: see *Bulletin*)

[ART ____ or MUS ____ or THE ____]

Literature: ENG2200/2217/2225/2230/2239/2249

/3720; ENG/WGS2220; ENG/GBS3299>

ENG _____

➤ AREA II ELECTIVES = 12credits

Lab Science (select one):

BIO1100/1120/1399/2060/2070; ENV1110;

CHM1000/1010/1510/1616; NSC 2100/2200;

PHY1000/1050/1100/1200/1510/2010

Social Sciences [2 required from different dept.]

ANT1020; ECO2030/2050; PSC2310/2710;

EDU4200; PSY2000; SOC1010/2020/2030/2040/2060

/2070/3030/3060/3070/4000;

>> other requirements to be met for graduation:

A) at least 2 courses at 2000-level and 1 course at 3000-level in any discipline not used to satisfy requirements in your major:

B) at least 1 course taken to satisfy a major or General

Education requirement must be a GBS course: GBS _____

128 TOTAL HOURS REQUIRED FOR GRADUATION

**Requirements listed above based on the 2012-2013 Undergraduate Bulletin

B.S. Physics [62 credits]

____ PHY2001: Research and Scientific Writing I

____ PHY2002: Research and Scientific Writing II

____ PHY2010: Fundamentals of Physics I

____ PHY2020: Fundamentals of Physics II

____ PHY2030: Fundamentals of Physics III

____ PHY2100: Electronics

____ PHY3110: Classical Mechanics

____ PHY3210: Electricity & Magnetism

____ PHY3310: Quantum Mechanics

____ PHY3400: Statistical Mech. & Therm. Phys

____ PHY4000: Undergraduate Research (2 semesters)

____ MTH1410: Calculus I

____ MTH1420: Calculus II

____ MTH2410: Calculus III

____ MTH2310: Linear Algebra

____ MTH3410: Differential Equations

____ CSC1710: Intro to Programming